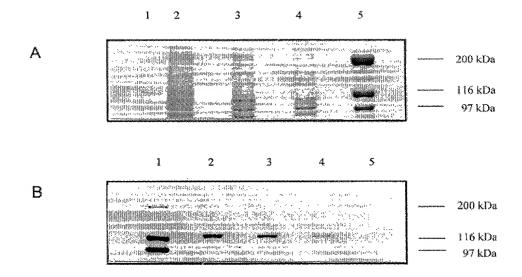
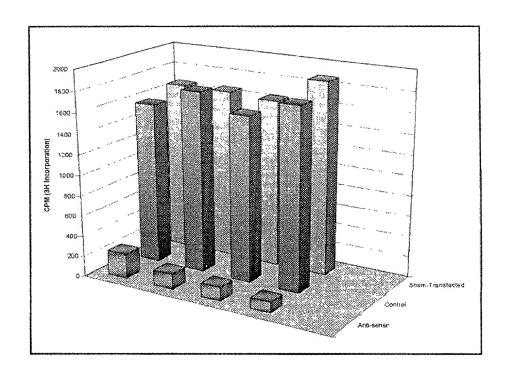


901 AALITAVACR IREAGQR

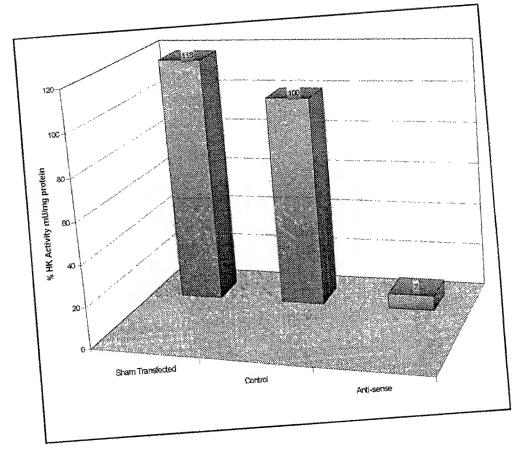
#### FIGURE 2

917 mutant type II Legend: - protein Sequence: 1 MIASHMIACL FTELNONQVQ KVDQFLYHMR LSDETLLEIS RRFRKEMEKG LGATTHPTAA 61 VKMLPTFVRS TPDGTEHGEF LALDLGGTNF RVLRVRVTDN GLQRVEMENQ IYAILEDIMR 121 GSGTQLFDHI AECLANFMDK LQIKEKKLPL GFTFSFPCHQ TKLDESFLVS WTKGFKSSGV 181 EGRDVVDLIR KVIQRRGDFD IDIVAVVNDT VGTMMTCGYD DQNCEIGLIV GTGSNACYME 241 EMRHIDMVEG DEGRMCINME UGAFGDDGTL NDIRTEFDRE IDMGSLNPGK QLFEKMISGM 301 YMGELVRLIL VKMAKAELLF QGKLSPELLT TGSFETKDVS DIEEDKDGIE KAYQILMRLÇ 361 LNPLQEDOVA THRICQIVST RSASLCAATL AAVLWRIKEN KGEERLRSTI GVDGSVYKKḤ 421 PHFAKRLHKA VRRLVPDCDV RFLRSEDGSG KGAAMVTAVA YRLADQHRAR QKTLESLKLŞ 481 HEQLLEVKRR MKVEMEQGLS KETHAVAPVK MLPTYVCATP DGTEKGDFLA LDLGGTNFRY 541 LLVRVRNGKR RGVEMHNKIY SIPQEVMHGT GEELFDHIVQ CIADFLEYMG MKGVSLPLGF 601 TFSFPCQQNS LDQSILLKWT KGFKASGCEG EDVVTLLKEA IHRREEFDLD VVAVVNDTVÇ 661 TMMTCGYEDP HCEVGLIVGT GSNACYMEEM RNVELVDGEE GRMCVNMENG AFGDNGCLDD 721 LRTVFDVAVD ELSLNPCKQR FEKMISGMYL GEIVRNILID FTKRGLLFRG RISERLKTRG 781 ISETKFLSQI ESDCLALLQV RAILRHLGLE STCDDSIIVK EVCTVVARRA AQLCGAGMAA 841 VVDKIRENRG LDNPKVTVGV DGTLYKLHPH FAKVMHETVR DLAPKCDVSF LESEDGSGKG









# AF027179 Rattus norvegicus mutant type II hexokinase mRNA, complete cds

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aaggttgacc	aatttctcta	ccacatgcqt	ctctcagatg	agacccttct	ggagatttct	121
agggggttcc	ggaaggagat	ggagaaaggg	ctaggageta	ccacqcaccc	tacagcagct	181
ataaaatat	tgcctacctt	tataagatca	actccggatg	ggacagaaca	tggggagttc	241
ctaactctaa	atcttggagg	aaccaacttc	catatactcc	gagtaagggt	gacggacaat	301
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ctacaaatca	aagagaagaa	acteceteta	gatttcacct	tctcattccc	ctgccaccag	481
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caeacggggg	traccraca	actccttacc	actggctcct	togagaccaa	agatgtctcg	1021
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#### FIGURE 7A

## AF113968 Cloning vector pLXRN, complete sequence

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## FIGURE 7B

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## FIGURE 7C

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#### FIGURE 8A

#### Accession Number NM\_012734 for Rattus norvegicus Hexokinase 1 (Hk1), mRNA

```
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cttcaccgag ctgaaggatg accaagtcaa aaagattgac aagtatctgt acgccatgcg 181
qctctctqat gagattctga tagatatcct gacacgattc aagaaagaga tgaagaatgg 241
cctctcccqq qattataatc caacaqcctc cgtcaagatg ctgcccacct tcgtccggtc 301
cattccggac ggctcagaaa agggggattt cattgccctg gatctcggcg ggtcttcctt 361
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gatctacgac accccagaga acatcgtgca tggcagtgga acccagcttt tcgatcatgt 481
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```

## FIGURE 8B

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